

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 2

DATED 6/30/2005

Control	0633-03-014
Project	STP 2005(316)
Highway	FM 21
County	CAMP

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum by entering the date, which appears at the top of this letter on the Addendum Acknowledgement Form, contained in your bid proposal.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

04/99

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: STP 2005(316)

CONTROL: 0633-03-014

COUNTY: CAMP

LETTING: 07/08/2005

REFERENCE NO: 0630

PROPOSAL ADDENDUMS

— PROPOSAL COVER

— BID INSERTS (SH. NO.:

X GENERAL NOTES (SH. NO.: A

— SPEC LIST (SH. NO.:

— SPECIAL PROVISIONS:

ADDED:

DELETED:

— SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: PLAN SHEET CHANGE

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

GENERAL NOTES SHEET A (PLAN SHEET 4): REVISED SECOND NOTE TO ITEM 8

General Notes:

ITEM 7:

Do not locate borrow, waste or staging sites in wetland areas.

This project is covered by a U.S. Army Corps of Engineers Nationwide 3(i) permit. Negotiate and obtain any additional permits required by the Corps of Engineers for construction methods not covered by the original permit. The permit is on file at the Engineer's office.

Transmit copies of correspondence between Contractor and resource agencies as listed in Article 7.19 "Preservation of Cultural and Natural Resources and the Environment".

ITEM 8:

Restrict work to shoulder widening within the first open season for asphalt.

The Work Start Date and beginning of Working Day Charges for this project will be February 1, 2006.

ITEM 132:

Test borrow sources and furnish results to the Engineer.

ITEM 134:

Dispose of excess material not used for backfilling pavement edges as directed.

Apply an emulsified asphalt treatment, consisting of SS-1 asphalt, at a rate of 0.3 gal. per sq. yd.

Apply fertilizer (12-12-12) at a rate of 1 lb. per 10 sq. yd.

ITEM 152:

Excavate to facilitate drainage as directed. Payment for this work will be subsidiary to this bid item.

ITEM 164:

Mow tall growing vegetation as directed, to provide optimum growing conditions for temporary or permanent seeded areas in accordance with Item 730 "Roadside Mowing" except for measurement and payment. This work will be subsidiary to pertinent bid items.

Inoculate crimson clover seed with a legume inoculant. Sow inoculated seed dry, with either hand operated or mechanical equipment, after the fertilizer is placed.

Adjust the seeding mixture and rates as directed.

County: CAMP

Control: 0633-03-014

Highway: FM 21

Finish slopes with a tracked vehicle running vertically up and down the slope as directed.

The planting mixture, rates, and season are as specified below:

**PLANTING MIXTURE & SEASON
MULCH SEED
(SEASON-JANUARY 1 TO JUNE 1)**

COMMON NAME	SCIENTIFIC NAME	lb./ 5,000 sq. yd.
Bermuda grass (Hulled)	Cynodon Dactylon	8
Bahia grass (Pensacola)	Paspalum Notatum	15

(SEASON-SEPTEMBER 1 TO JANUARY 1)

Bermuda grass (Unhulled)	Cynodon Dactylon	12
Rye Grass	Lolium Multiflorum	15
Crimson Clover	Trifolium Incarnatum	10

Use broadcast seeding for temporary erosion control, when and as directed. Use items and rates specified below:

TEMPORARY SEEDING FOR EROSION CONTROL

WARM SEASON

Bermuda grass (Cynodon Dactylon)	12 lb./5,000 sq. yd.
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COOL SEASON

Rye Grass (Lolium Multiflorum)	8 lb./5,000 sq. yd.
Tall Fescue (Festuca Arundinaceae)	4.5 lb./5,000 sq. yd.
Oats (Avena Satvia)	24 lb./5,000 sq. yd.
Wheat (Triticum Aestivum)	34 lb./5,000 sq. yd.

ITEM 166:

When seeding between September 1 and January 1, place one-half of the amount of fertilizer specified for seeding with the seeds and place the remainder the following spring unless otherwise directed. When seeding is placed between January 1 and June 1, place one-half the amount of fertilizer specified for seeding with the seeds and place the remainder 30 days later unless otherwise directed.

ITEM 247: (NON-TRIAxIAL)

Provide iron ore or flexible base from sources listed in the Department's *Bituminous Rated Source Quality Catalog* unless otherwise approved.

Insure that a minimum of 10% passes the #200 sieve.

ITEM 247: (TRIAxIAL)

Notify Engineer in writing before stockpiling operations begin at the source or sources of base material. Keep Engineer informed on progress of stockpiling operations. A minimum of 14 days is required for testing after stockpiling of material is completed.

Obtain a price schedule for additional sampling and testing from Engineer.

Specific requirements for a crushed iron ore source:

Stockpile a minimum of 10,000 cubic yards or estimated volume from the plan quantity

Place a maximum of 10 layers. Maximum size of stockpile is 15,000 cubic yards.

Engineer tests each stockpile.

Target grading is required for TY A flex base (See Special Provision 247-001)

The Department will accept lane smoothness on the basis of an IRI profile of less than or equal to 125.0 inches per mile. The Department will measure the profile prior to the application of a surface treatment.

ITEM 275:

There are no strength requirements.

Use TY I or TY II cement.

ITEM 316:

For final surfaces furnish aggregate with a minimum "A" surface aggregate classification.

Asphalt season starts May 1 and ends September 1. Obtain written approval before placing asphaltic materials between September 1 and May 1.

The Department may require the use of emulsion instead of AC if conditions so dictate. Apply AC unless otherwise directed.

Cure the OCST GR 3 under traffic a minimum of 14 days before placement of OCST GR 4.

ITEM 420:

Chamfer or tool exposed edges or joints of concrete as directed.

ITEM 421:

TxDOT will furnish and maintain concrete compressive strength testing equipment.

Elevate beam tanks a minimum of one foot above the ground.

ITEM 464 & 467:

Remove trees, bushes, and underbrush as directed. This work will be subsidiary to the pertinent bid items.

Backfill driveway culverts to obtain a minimum cover of 6 inches. Place backfill in accordance with Article 132.3.D.1 "Ordinary Compaction" using approved equipment.

Re-establish flow lines of ditches after placement of SET units at driveways and cross-structures. This work will be subsidiary to the pertinent bid items.

ITEM 467:

Provide precast safety end treatments with a toewall measuring at least 12 inches. Construct toewalls for cast-in-place safety end treatments as shown in the plans.

ITEM 502:

The Engineer will determine the length of lane closures, based on the Contractor's demonstrated ability to prosecute the work within the closed section.

Maintenance of driveways and intersections is not paid for directly but is subsidiary to the pertinent bid items.

Maintain access to abutting property at all times using approved materials and methods. Work required to maintain ingress and egress within the limits of this project is not to be paid for directly, but is subsidiary to the pertinent bid items.

Restrict the movement of equipment across traffic lanes to an absolute minimum.

Use strobe lights or rotating beacons on all motorized equipment, operating on or adjacent to the road surface.

Place and maintain U.S. mailboxes within project limits in such a manner as to ensure continuous mail service.

Restrict widening to one side of the roadway at a time. Do not perform subgrade widening operations exceeding 1 mile in length unless otherwise directed. Maintain one way traffic until the pavement drop off condition is eliminated by placing proposed flexible base as shown or providing a 3:1 or flatter slope off the edge of pavement. Eliminate pavement drop offs before ceasing daily work operations and opening the roadway to two-way traffic.

ITEM 504:

Provide a Type C structure or an approved equivalent.

Provide a desktop computer, printer, and internet service provider in accordance with DMS-10101 "Computer Equipment".

Erect the chain link fence enclosure to maintain a minimum clearance of 10 feet.

ITEM 506:

Sprinkle water for dust control. Meet the requirements of Item 204, "Sprinkling".

ITEM 530:

On concrete driveways place an approved 1/2 inch preformed expansion joint material at the junction with other concrete surfaces.

Meet the requirements of Item 110, "Excavation" and Item 132, "Embankment, Type "B" for construction of driveways and turnouts.

Use Type A, Grade 4 flexible base.

Use the same types of asphaltic material and aggregates as placed on the roadway.

Obtain HMAC for use on driveways from a commercial source as approved.

ITEM 540:

Furnish round timber posts unless otherwise shown.

ITEM 540 & 544:

Place sufficient dry batch concrete mix in holes to ensure minimum of 2 inch embedment of tubes and posts.

Furnish Type I guardrail end treatment.

ITEM 560:

Furnish Size 3 (6"x12") object markers.

ITEM 644:

Remove and or relocate existing sign assemblies as directed. Furnish new sign supports.

ITEM 658:

Use flat type flexible posts.

ITEM 752:

Grind stumps as directed.

ITEM 6045:

Place pavement markings after the surface treatment has cured to the satisfaction of the Engineer and within 14 days after completion of the final surface.

Mark the lateral locations of pavement markings with pilot lines. Obtain approval of the location and alignment of the pilot lines before application of permanent markings.

Record the location of “passing” and “no passing” zones before beginning roadway work in order to re-establish these zones in their original location. Provide a copy of the record to the Engineer.

Furnish Type III beads.

SPECIFICATION DATA
TEST TO BE IN ACCORDANCE WITH DEPARTMENT OF
TRANSPORTATION TEST METHODS

		GRADING REQUIREMENTS				SOIL CONSTANTS		
		PERCENT RETAINED -						
		SIEVES						
ITEM	DESCRIPTION	2-1/2"	1-3/4"	No. 4	No. 40	L.L.	P.I.	
						MAX.	MAX.	MIN.
132	Embankment (Type C)					50	25	4
247	Flex Base (TY A GR 4)(6'')**	0	0-10	45-75	55-85	40	12	3
247	Flex Base (TYA GR4) (9'')	0	0-10	45-75	55-85	40	12	3

**TRIAXIAL CLASS 2.3 OR BETTER

BASIS OF ESTIMATE

ITEM	DESCRIPTION	RATE	UNIT	QUANTITY
150	Blading	As Directed	STA	35.25
152	Road Grader Work (OC)	As Directed	STA	50
162	Mulch Sodding	As Directed	CY	73
164	Broadcast Seed (Perm)	As Directed	sq. yd.	50,000
164	Broadcast Seed (Temp)(Cool)	As Directed	sq. yd.	25,000
164	Broadcast Seed (Temp)(Warm)	As Directed	sq. yd.	25,000

ITEM	DESCRIPTION	RATE	UNIT	QUANTITY
*166	Fertilizer (12-12-12)	800lb / 5000sy	ton	8
168	Vegetative Watering	80 mg/5,000 sq. yd. of Seed	mg.	1600
*213	Rolling	1 hr./1,000 sq. yd.	hr	96
*310	Prime Area(On cement trt.)	Surface Area	sq. yd.	46,731
*310	Prime Area(On base.)	Surface Area	sq. yd.	44,865
310	Prime & Blotter (SS-1), on Cement. Trt.	0.25 gal./sq. yd.	gal.	11,683
310	Prime & Blotter (MC-30), on base.	0.25 gal./sq. yd.	gal.	11,216
*310	Blotter (Native Sand)	1 cy./400 sq. yd.	cu. yd.	229
*314	Emul Asph Trt (SS-1)	0.3 gal./sq yd.	gal.	3,365

*FOR CONTRACTOR'S INFORMATION ONLY.

**SURFACE TREATMENT DATA
ITEM 316
ONE COURSE SURFACE TREATMENT
(ON PRIMED BASE)**

LOCATION	AREA	ASPH (AC-10) 0.40 gal/sq. yd.	AGGR (TY B GR 3) 1 cu.yd./80 sq. yd.
	sq. yd.	gal	cu. yd.
Roadway	45,665	18,266	570
TOTALS			

**SURFACE TREATMENT DATA
ITEM 316
ONE COURSE SURFACE TREATMENT
(ON OCST GR 3)**

LOCATION	AREA	ASPH (AC-20-5TR) 0.30 gal./sq. yd.	AGGR (TY B GR 4) 1 cu. yd./100 sq. yd.
	sq. yd.	gal.	cu. yd.
Roadway	50,451	15,135	504
TOTALS			